

FIG. 1 - Prior Art

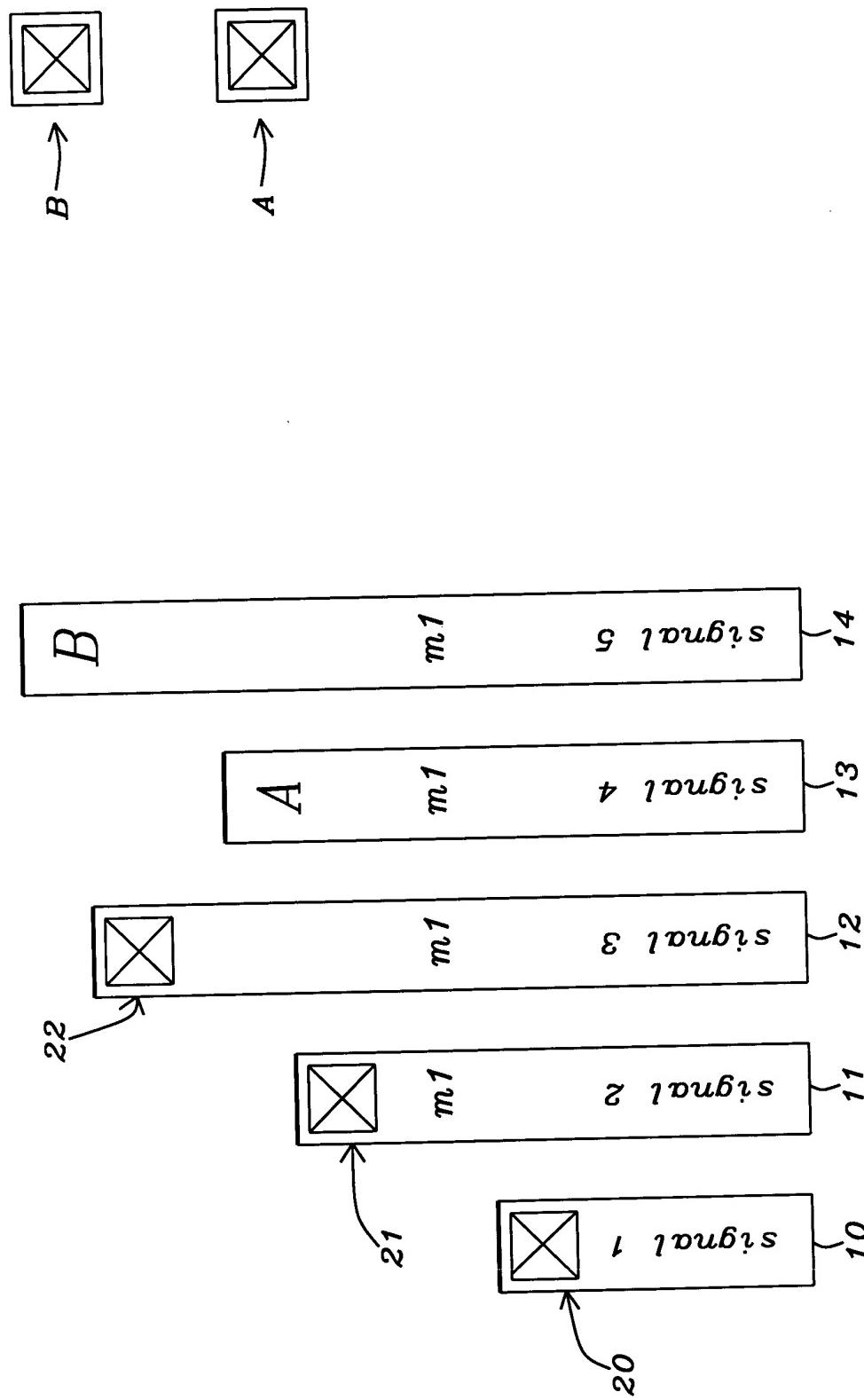


FIG. 2 - Prior Art

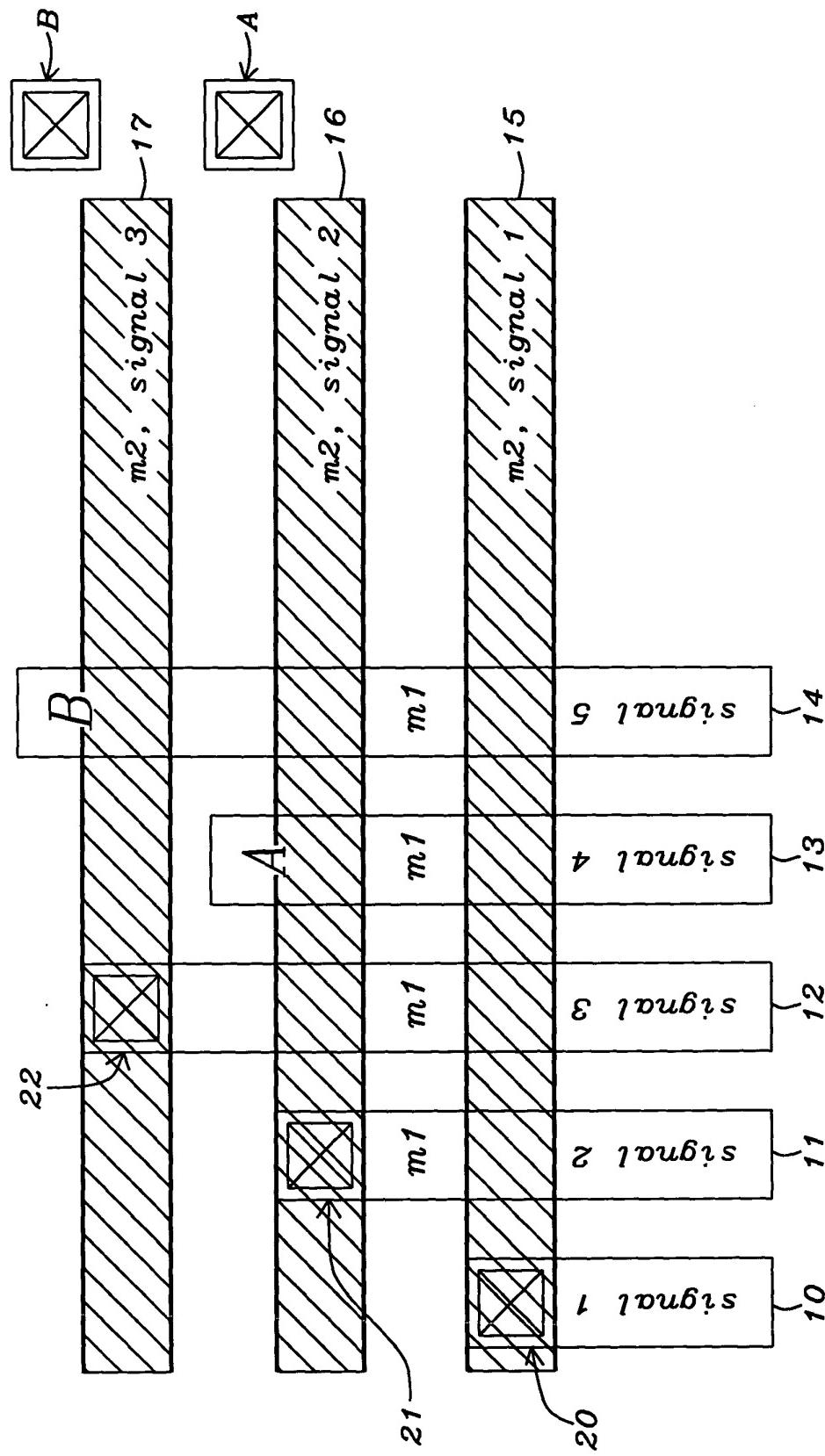


FIG. 3 – Prior Art

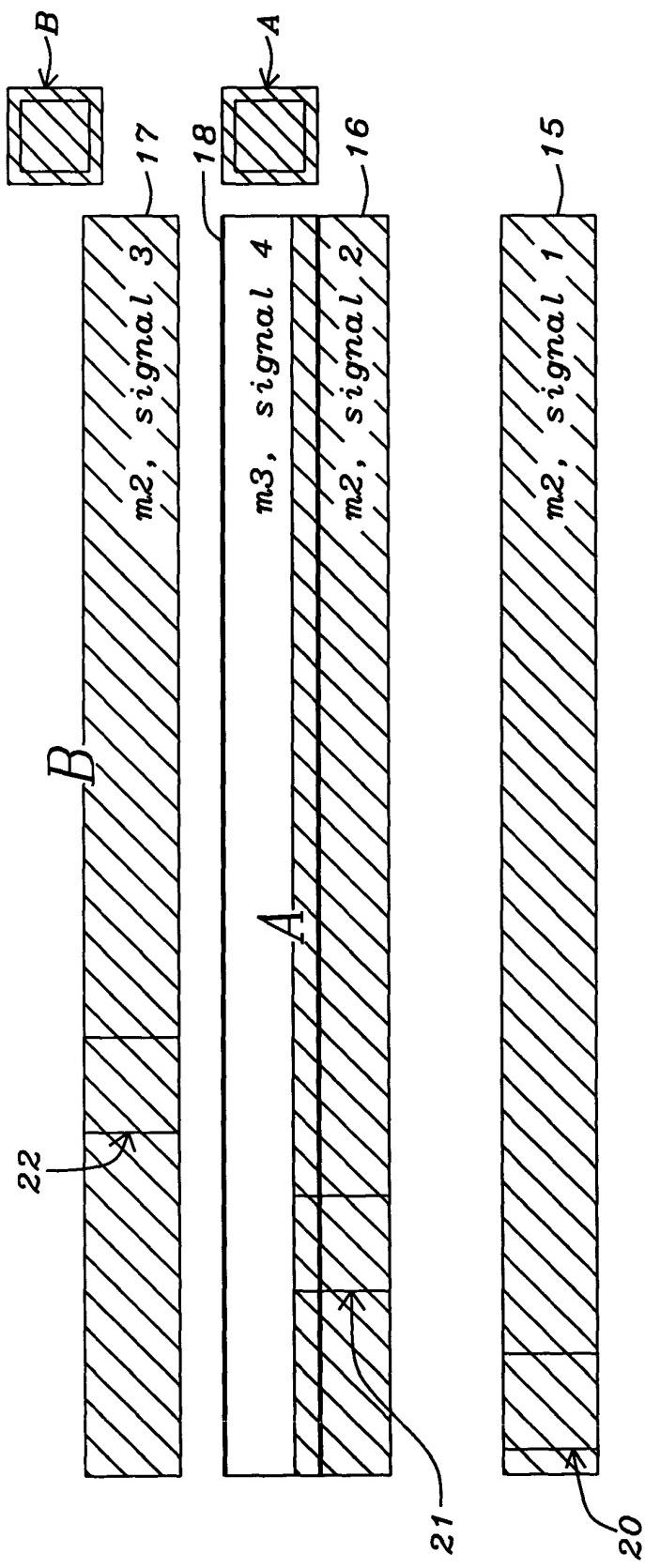


FIG. 4 - Prior Art

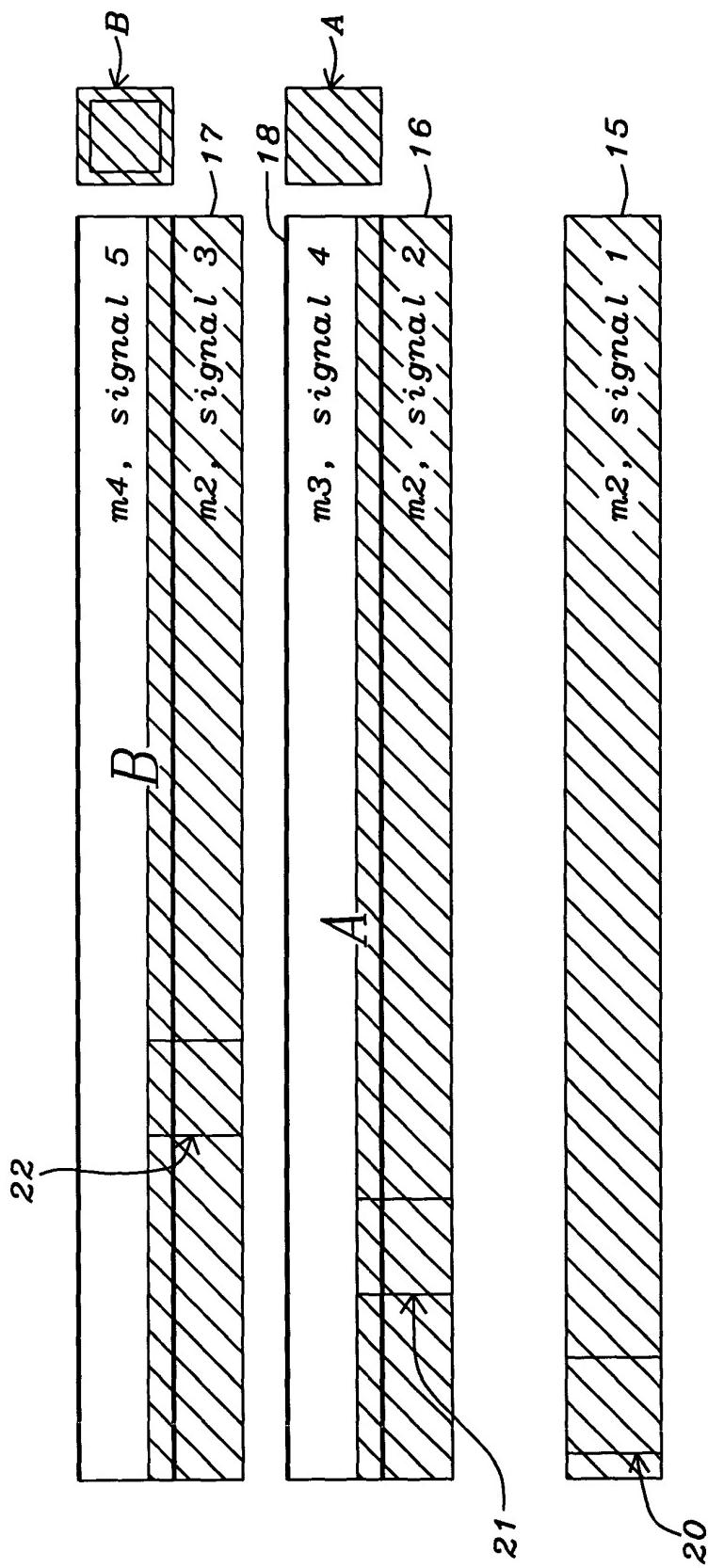
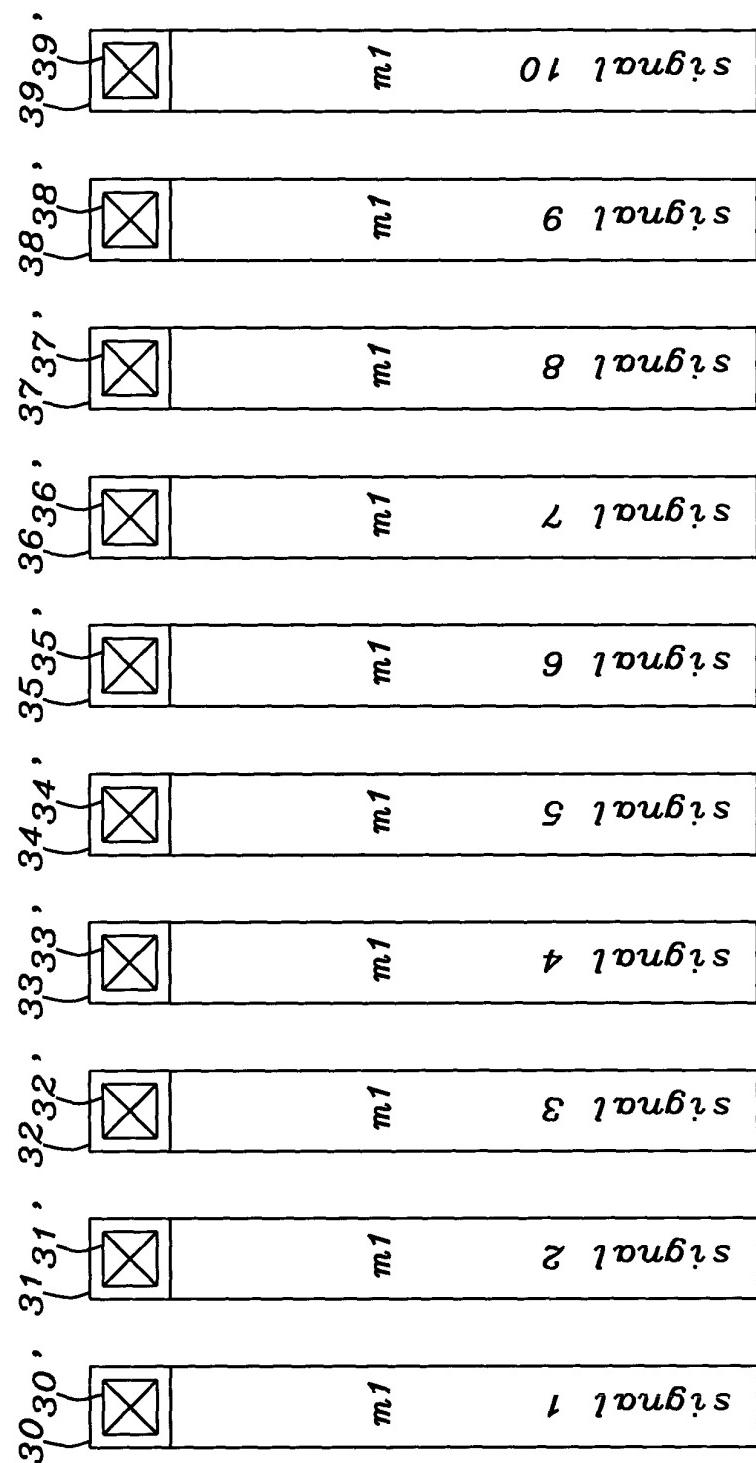


FIG. 5 - Prior Art

$$\begin{array}{c}
 \boxed{m2-m1} = \boxed{\text{metal 1}} + \boxed{\text{via1}} + \boxed{\text{metal 2}} \\
 \\
 \boxed{m3-m1} = \boxed{m2-m1} + \boxed{\text{via2}} + \boxed{\text{metal 3}} \\
 \\
 \stackrel{24}{\boxed{m4-m1}} = \stackrel{26}{\boxed{m3-m1}} + \stackrel{28}{\boxed{\text{via3}}} + \stackrel{30}{\boxed{\text{metal 4}}} \\
 \\
 \boxed{m5-m1} = \boxed{m4-m1} + \boxed{\text{via4}} + \boxed{\text{metal 5}} \\
 \\
 \boxed{m6-m1} = \boxed{m5-m1} + \boxed{\text{via5}} + \boxed{\text{metal 6}} \\
 \\
 \boxed{m7-m1} = \boxed{m6-m1} + \boxed{\text{via6}} + \boxed{\text{metal 7}} \\
 \\
 \boxed{m8-m1} = \boxed{m7-m1} + \boxed{\text{via7}} + \boxed{\text{metal 8}}
 \end{array}$$

FIG. 7



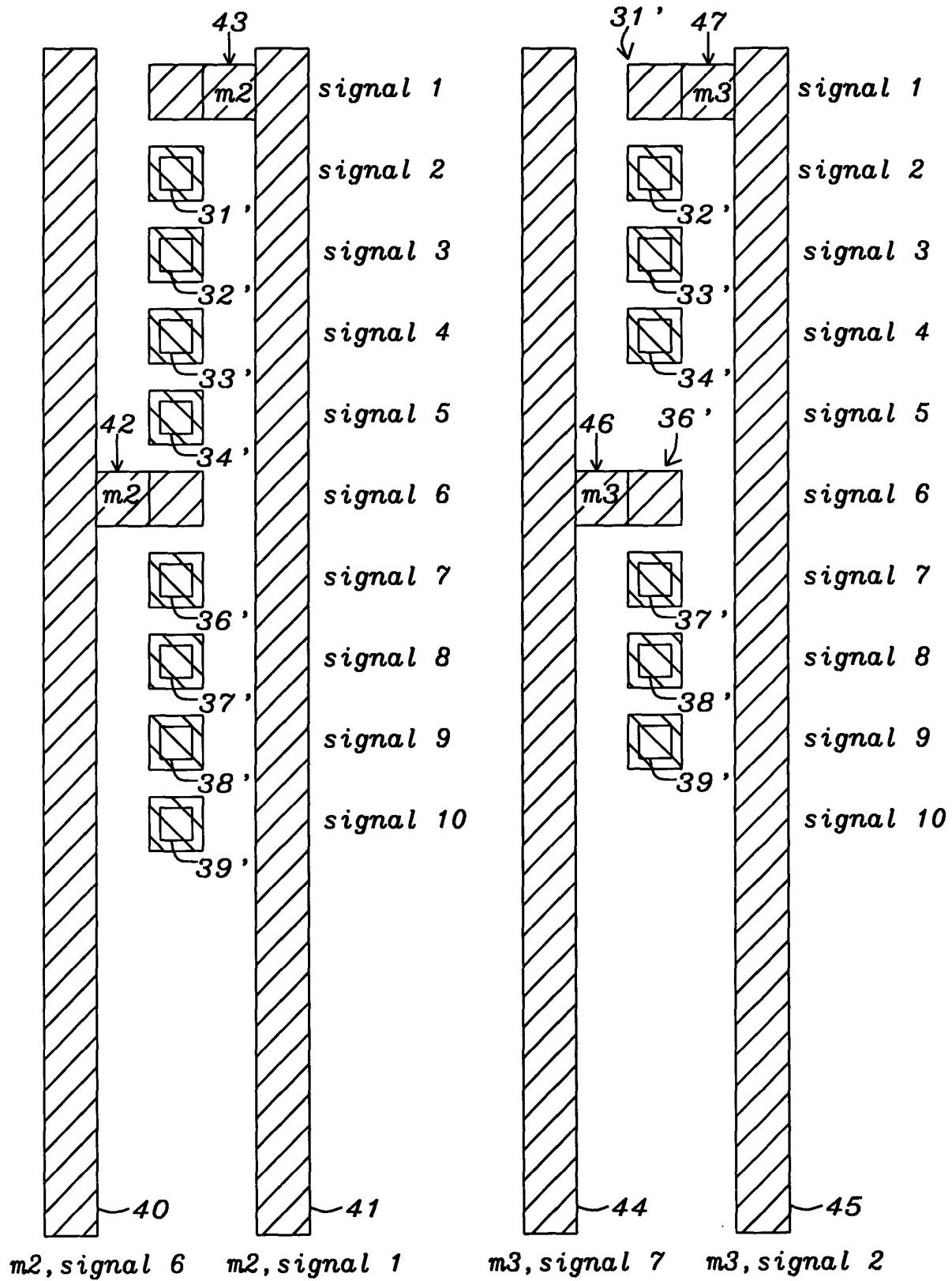


FIG. 8

FIG. 9

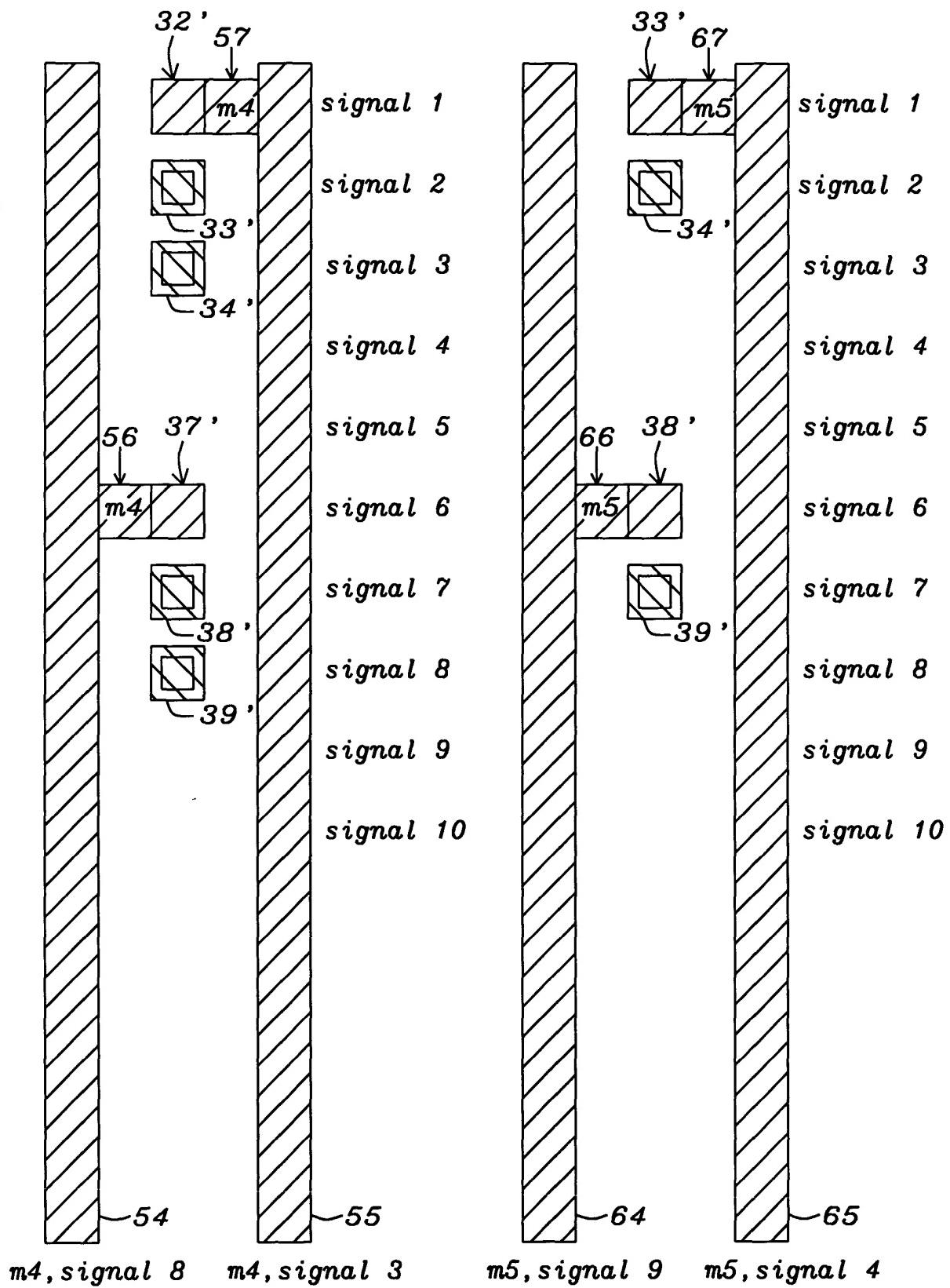


FIG. 10

FIG. 11

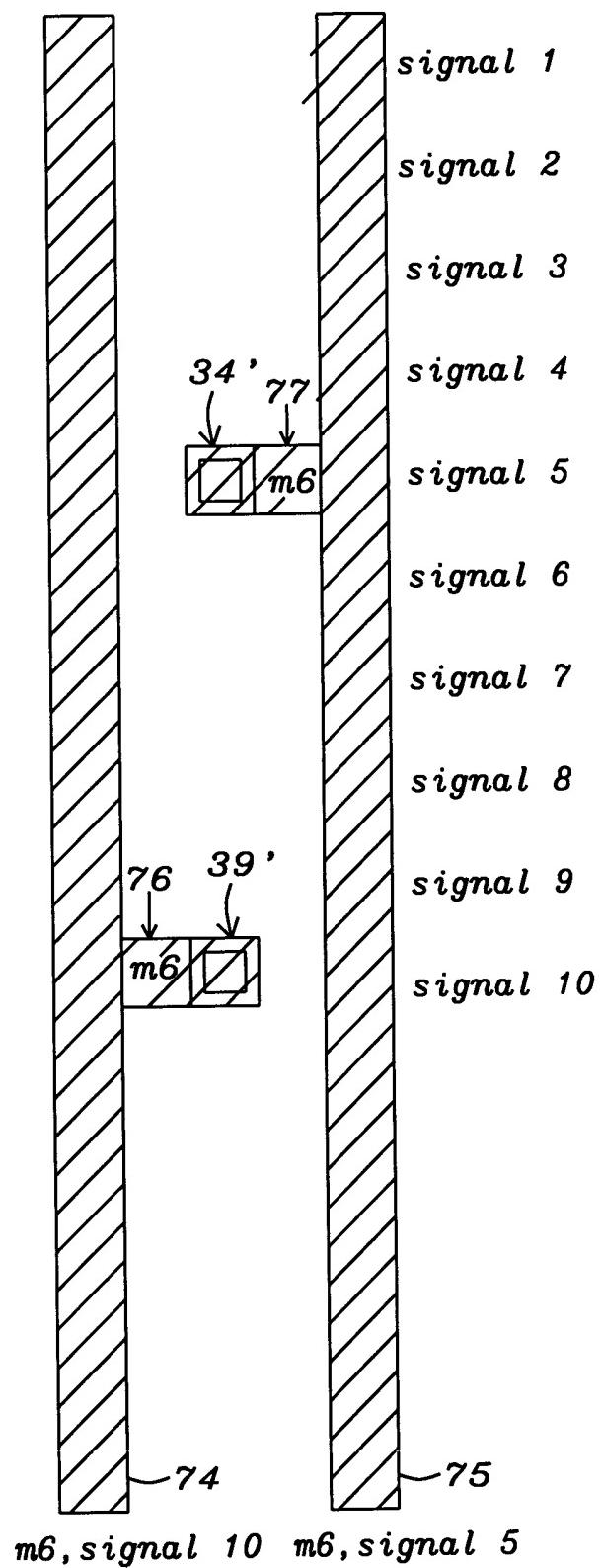


FIG. 12

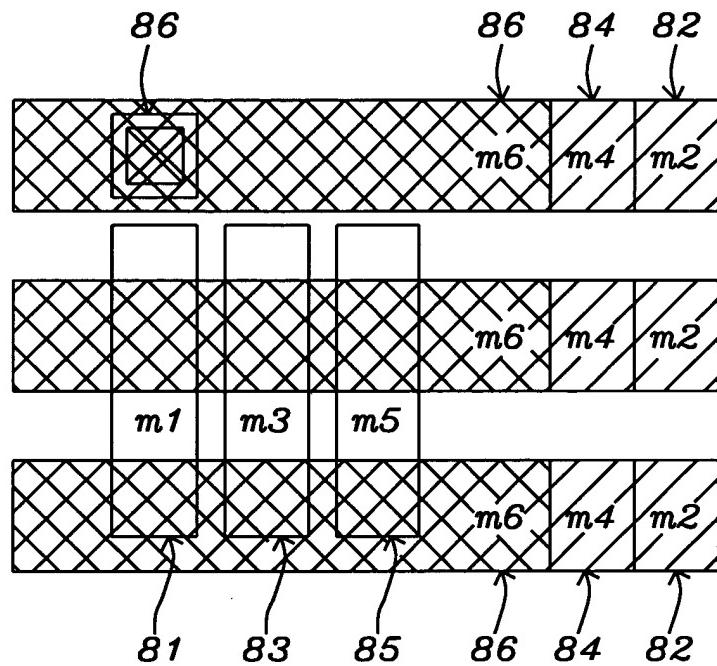


FIG. 13a - Prior Art

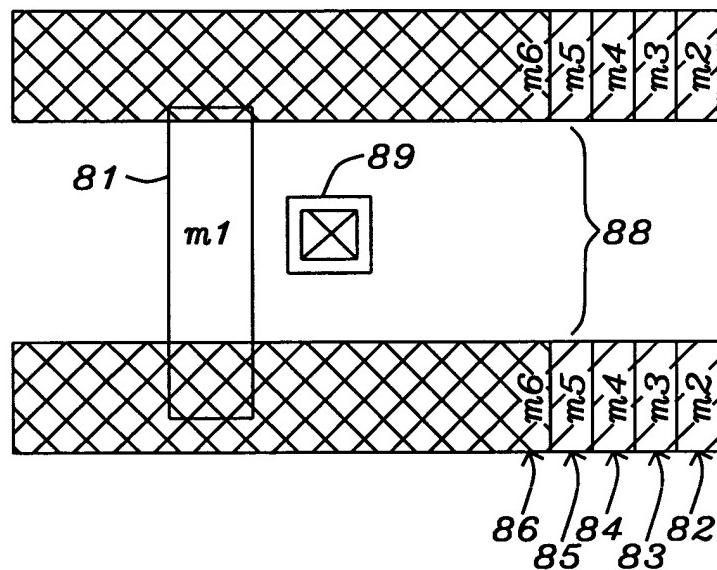


FIG. 13b - Prior Art